



# FOREST PEST REPORTER

Division of Plant Industry PO Box 330 Trenton, NJ 08625-0330 609-292-5440

## GYPSY MOTH DEFOLIATION INCREASES SLIGHTLY

The gypsy moth aerial sketch mapping survey was completed in July and the total area defoliated by the pest is 1,995 acres which is only 85 more acres than last year. The defoliation occurred in five

southern counties involving nine municipalities, these include: Hammonton in Atlantic County; Medford, Southampton, Tabernacle and Westampton Townships in Burlington County; Pine Hill

Borough and Waterford Township in Camden County; Lower Township in Cape May County and Oldmans Township in Salem County. The complete results are summarized in Table 1.

## ASIAN LONG-HORNED BEETLE SURVEY COMPLETED

The second year of surveys for the Asian Long-horned beetle, *Anoplophora gabripenis*, (ALB) in NJ forested areas have been completed in the northern half of the state with 305 sites inspected. Division personnel worked in cooperation with USDA, Plant Pest Quarantine staff in completing the survey in late October. All sites examined were found negative for long-horned beetle infestation.

The source of ALB beetle infestations have been traced to solid wood packing material from China. In August the National Plant Board called for certain steps to mitigate this pest risk. As a direct result of this concern the USDA APHIS PPQ, in September published an interim rule in the Federal Register that amends the current regulations for importing logs, lumber and other unmanufactured wood

articles by adding treatment and documentation requirements for solid wood packing material imported from China. The rule becomes effective on December 17, 1998.

### GYPSY MOTH SUPPRESSION PROGRAM STAFF:

Bureau Chief - John Kegg  
Entomologist - Joseph Zoltowski  
Senior Inspector - William Fehr, Sr.  
Secretary - Jacqueline Thomas

**Table 1. Results of the 1998 Gypsy Moth Aerial Defoliation Survey. NJDA**

Degree of Defoliation				
County Municipality	Moderate (30-50%)	Heavy (51-70%)	Severe (71-100%)	Acreage Totals
<b>Atlantic (40 ac.)</b>				
<i>Hammonton</i>	0	40	0	40
<b>Burlington (995 ac.)</b>				
<i>Medford Twp.</i>	0	0	40	40
<i>Southampton Twp.</i>	0	365	0	365
<i>Tabernacle Twp.</i>	0	360	160	520
<i>Westampton Twp.</i>	0	70	0	70
<b>Camden (225 ac.)</b>				
<i>Pine Hill Borough</i>	0	0	45	45
<i>Waterford Twp.</i>	0	180	0	180
<b>Cape May (30)</b>				
<i>Lower Twp.</i>	30	0	0	30
<b>Salem (705 acres)</b>				
<i>Oldmans Twp.</i>	0	140	565	705
<b>Totals</b>	30	1,155	810	1,995

## PINE LOOPER APPEARS AGAIN IN THE PINE BARRENS

After six years of dormancy, the pine looper, *Lambdina athasaria pellucidaria*, again has appeared defoliating several thousand acres of pitch pine in the area of Jenkins Neck in southeastern Burlington County. The yellowish brown loopers were observed actively feeding in

early October and were about 1 ½ inches long. The loopers overwinter in the soil and the adult moths will appear next May to deposit eggs on the pine needles. In the fall of 1991, this pest defoliated nearly 300,000 acres of the Pine Barrens. Spraying is not recommended at

this time since the larvae have nearly completed their feeding. The situation will be monitored again next fall.

## SURVEYS SHOW EIGHT TOWNS QUALITY FOR SPRAY

Gypsy moth egg mass surveys show eight municipalities in the southern portions of the state involving 1,750 acres, qualify for aerial treatment next spring.

This figure is more than twice the acreage treated last spring. To date, 1,360 acres have accepted participation in the tree protection program. A

summary of the survey results, to date, are shown in the following table 2.

**TABLE 2. PROPOSED GYPSY MOTH TREATMENT AREAS FOR 1999**

County	Municipality	No. Blocks	Proposed Acres
Burlington	Medford Twp.	3	515
	Shamong Twp.	2	210
	Southampton Twp	3	385
	Tabernacle Twp.	2	390
Camden	Berlin Borough	1	20
	Pine Hill Borough	1	40
Salem	Carney's Pt. Twp.	3	75
	Oldman's Twp.	3	95
	Totals	18	1,750